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NO. 10/502470

PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY

To:
MEWBURN ELLIS
 Attn. Cripps, Joanna E.
 York House
 23 Kingsway
 London, Greater London W02B 6LR
 UNITED KINGDOM

RECEIVED
 23 JUL 2003
 MEWBURN ELLIS

NOTIFICATION OF TRANSMITTAL OF
 THE INTERNATIONAL SEARCH REPORT
 OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing (day/month/year)	23/07/2003
Applicant's or agent's file reference JECFF6112098	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application no. PCT/GB 03/ 00329	International filing date (day/month/year) 29/01/2003
Applicant BIOTECH RESEARCH VENTURES PTE LIMITED	

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

filing of amendments and statements under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
 34, chemin des Colombettes
 1211 Geneva 20, Switzerland
 Facsimile No.: (41-22) 740.14.36

For more detailed instructions, see the notes on the accompanying sheet.


2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest the applicant will be notified as soon as a decision is made.

4. Further action(s): The applicant is reminded of the following:

Shortly after 16 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5018 Patendijk 2 NL-2200 MV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 661 epo nl. Fax (+31-70) 340-3016	Authorized officer Heike Zoglauer
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Form PCTISA/220 (July 1998)

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P. 6/10

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference JECFP6112098	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 6 below.	
International application No. PCT/GB 03/00329	International filing date (day/month/year) 23/01/2003	(Earliest) Priority Date (day/month/year) 23/01/2002
Applicant BIOTECH RESEARCH VENTURES PTE LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the International search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.



the International search was carried out on the basis of a translation of the International application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the International application, the International search was carried out on the basis of the sequence listing:



contained in the International application in written form.



filed together with the International application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the International application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☒ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

MATERIALS AND METHODS FOR EXAMINING AND TREATING NASOPHARYNGEAL CARCINOMA

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawing to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

Int'l. Application No.

PCT/GB 03/00329

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 GO1N33/574 C12Q1/68 GO1N33/543 GO1N33/68 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 GO1N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FUNG L F ET AL: "Differential gene expression in nasopharyngeal carcinoma cells." LIFE SCIENCES, vol. 67, no. 8, 14 July 2000 (2000-07-14), pages 923-936, XP001041803 ISSN: 0024-3205	11-15, 19,20
Y	the whole document, see especially p. 923-927 and 935	1-10, 16-18, 21-26

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

S document member of the same patent family

Date of the actual completion of the international search

30 June 2003

Date of mailing of the international search report

23/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2200 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

STEINHEIMER, K

INTERNATIONAL SEARCH REPORT

 Int. Application No.
 PCT/GB 03/00329

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	XIE LU ET AL: "Identification of differentially expressed genes in nasopharyngeal carcinoma by means of the Atlas human cancer cDNA expression array." JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol. 126, no. 7, July 2000 (2000-07), pages 400-406, XP002245940 ISSN: 0171-5216	11-15, 19,20
Y	the whole document, see especially p. 401-403	1-10, 16-18, 21-26
Y	--- WANG G L ET AL: "Inhibiting tumorigenic potential by restoration of p16 in nasopharyngeal carcinoma." BRITISH JOURNAL OF CANCER. SCOTLAND DEC 1999, vol. 81, no. 7, December 1999 (1999-12), pages 1122-1126, XP009012441 ISSN: 0007-0920 the whole document	1-10
Y	--- CHOW LILLIAN S N ET AL: "Effect of p16INK4a on chemosensitivity in nasopharyngeal carcinoma cells." INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 17, no. 1, July 2000 (2000-07), pages 135-140, XP009012430 ISSN: 1019-6439 the whole document	1-10
A	---	35-42
Y	WANG LIHONG ET AL: "Relationship between expression of P16 protein and prognosis in carcinoma of nasopharynx." JOURNAL OF WEST CHINA UNIVERSITY OF MEDICAL SCIENCES, vol. 30, no. 4, December 1999 (1999-12), pages 394-396, XP009012412 ISSN: 0257-7712 the whole document	1-10
Y	--- LO KWOK-WAI ET AL: "Hypermethylation of the p16 gene in nasopharyngeal carcinoma." CANCER RESEARCH, vol. 56, no. 12, 1996, pages 2721-2725, XP001153182 ISSN: 0008-5472 the whole document	27-34

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INTERNATIONAL SEARCH REPORT

Initial Application No

PCT/GB 03/00329

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LO KWOK-WAI ET AL: "High frequency of promoter hypermethylation of RASSF1A in nasopharyngeal carcinoma." CANCER RESEARCH, vol. 61, no. 10, 15 May 2001 (2001-05-15), pages 3877-3881, XP001147655 ISSN: 0008-5472 the whole document	27-34
Y	WIOSCHWENDTER MARTIN ET AL: "The potential prognostic, predictive, and therapeutic values of DNA methylation in cancer. Commentary re: J. Kwong et al., Promoter hypermethylation of multiple genes in nasopharyngeal carcinoma. Clin. Cancer Res., 8: 131-137, 2002, and H-Z. Zou et al., Detection of aberrant p16 methylation in the s" CLINICAL CANCER RESEARCH: AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH. UNITED STATES JAN 2002, vol. 8, no. 1, January 2002 (2002-01), pages 17-21, XP001147654 ISSN: 1078-0432 the whole document	27-34
Y	AMBINDER R F ET AL: "Epstein-Barr virus as a therapeutic target in Hodgkin's disease and nasopharyngeal carcinoma." SEMINARS IN CANCER BIOLOGY. UNITED STATES AUG 1996, vol. 7, no. 4, August 1996 (1996-08), pages 217-226, XP001147649 ISSN: 1044-579X the whole document	27-34

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/00329**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 31-34
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.